

Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	IS&R	1 ("6087563").PN.	USPAT	2001/08/17 15:05		
2	IS&R	2 (("6268549") or ("5510471")).PN.	USPAT	2001/08/17 13:40		
3	BRS	51 HPPD or (hydroxyphenyl adj pyruvate adj dioxygenase)	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2001/08/17 15:06		
4	BRS	7 (HPPD or (hydroxyphenyl adj pyruvate adj dioxygenase)) and ((vitamine adj E) or (tocopherol))	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2001/08/17 15:06		

File Copy

09/462,629

(FILE 'HOME' ENTERED AT 14:45:42 ON 17 AUG 2001)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:46:08 ON 17 AUG 2001

L1 146 S HPPD OR (HYDROXYPHENYL PYRUVATE DIOXYGENASE)
L2 18 S L1 AND ((VITAMINE E) OR (TOCOPHEROL))
L3 12 DUP REM L2 (6 DUPLICATES REMOVED)

}

L3 ANSWER 1 OF 12 AGRICOLA DUPLICATE 1
AN 2001:50952 AGRICOLA
DN IND23211480
TI From inhibitors to target site genes and beyond - - herbicidal inhibitors
as powerful tools for functional genomics.
AU Zhen, R.G.; Singh, B.K.
AV DNAL (79.8 W41)
SO Weed science, Mar/Apr 2001. Vol. 49, No. 2. p. 266-272
Publisher: Lawrence, KS : Weed Science Society of America.
CODEN: WEESA6; ISSN: 0043-1745
NTE Paper presented at a symposium on the "Impact of Biotechnology and
Genomics on Weed Science" held 2000, Toronto, Ontario, Canada.
Includes references
CY Kansas; United States
DT Article; Law
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L3 ANSWER 2 OF 12 AGRICOLA DUPLICATE 2
AN 2001:37338 AGRICOLA
DN IND22436566
TI Mesotriione: a new selective herbicide for use in maize.
AU Mitchell, G.; Bartlett, D.W.; Fraser, T.E.M.; Hawkes, T.R.; Holt, D.C.;
Townson, J.K.; Wichert, R.A.
SO Pest management science, Feb 2001. Vol. 57, No. 2. p. 120-128
Publisher: West Sussex, UK : Wiley, c2000-
CODEN: PMSCFC; ISSN: 1526-498X
NTE Special Issue: New Chemistries for Crop Protection.
Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
AN 2001:197036 CAPLUS
TI Discovery of benzoyl-3-phenylpyrazole herbicides
AU Lo, William C.; Benko, Zoltan
CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 46268, USA
SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-074
CODEN: ACSRAL; ISSN: 0065-7727
PB American Chemical Society
DT Journal; Meeting Abstract
LA English

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS
AN 2001:196965 CAPLUS
TI Benzoyl-1,3-disubstitutedpyrazole herbicides
AU Garvin, Gail M.; Benko, Zoltan; Lo, William C.
CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 42268, USA
SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-003
CODEN: ACSRAL; ISSN: 0065-7727
PB American Chemical Society
DT Journal; Meeting Abstract
LA English

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
AN 2001:196964 CAPLUS
TI 3-Azabenzoylpyrazole herbicides
AU Benko, Zoltan; Shinkle, Sharon; McQuiston, Jeffery; Webster, Jeffery;
Jackson, Johnny; Garvin, Gail; Turner, James; Ricks, Michael; Ouse, Dave;
Patterson, Eileen; Weimer, Monte
CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 46268, USA
SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-002
CODEN: ACSRAL; ISSN: 0065-7727
PB American Chemical Society
DT Journal; Meeting Abstract
LA English

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:117168 CAPLUS
 DN 132:176597
 TI Overproduction of .alpha.-tocopherol with transgenic plants
 expressing deoxyxylulose phosphate synthase, hydroxyphenylpyruvate
 dioxygenase, and/or geranylgeranyl pyrophosphate oxidoreductase
 IN Reindl, Andreas; Mejia, Patricia Leon; Palmas, Juan Manuel Esteves;
 Gracia, Maria Araceli Canter; Ebneth, Marcus; Herbers, Karin
 PA Sungene G.m.b.H. & Co.K.-G.a.A., Germany
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000008169	A1	20000217	WO 1999-EP5467	19990730
	W:	AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	DE 19835219	A1	20000210	DE 1998-19835219	19980805
	DE 19845216	A1	20000406	DE 1998-19845216	19981001
	DE 19845224	A1	20000406	DE 1998-19845224	19981001
	DE 19845231	A1	20000406	DE 1998-19845231	19981001
	AU 9954157	A1	20000228	AU 1999-54157	19990730
	EP 1102852	A1	20010530	EP 1999-940083	19990730
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	DE 1998-19835219	A	19980805		
	DE 1998-19845216	A	19981001		
	DE 1998-19845224	A	19981001		
	DE 1998-19845231	A	19981001		
	WO 1999-EP5467	W	19990730		

RE.CNT 11
RE

- (1) Basf Ag; EP 0723017 A 1996 CAPLUS
- (2) Christine, S; WO 9806862 A 1998 CAPLUS
- (3) David, M; WO 9911757 A 1999 CAPLUS
- (4) Hoechst Schering Agrevo GmbH; DE 19752700 A 1999 CAPLUS
- (5) Jomaa, H; WO 9952938 A 1999 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
 AN 2000:392892 BIOSIS
 DN PREV200000392892
 TI Combined use of 13C- and 19F-NMR to analyse the mode of action and the
 metabolism of the herbicide isoxaflutole.
 AU Aubert, Serge (1); Pallett, Kenneth E.
 CS (1) DBMS-PCV, CEA-Grenoble, 17, rue des Martyrs, 38054, Grenoble cedex, 9
 France
 SO Plant Physiology and Biochemistry (Paris), (June, 2000) Vol. 38, No. 6,
 pp. 517-523. print.
 ISSN: 0981-9428.
 DT Article
 LA English
 SL English

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:74827 CAPLUS
 DN 132:103745
 TI Transgenic plants overexpressing hydroxyphenyl pyruvate
 dioxygenase for the production of tocopherols
 PA Rhone Poulenc Agro S. A., Fr.
 SO Fr. Demande, 14 pp.
 CODEN: FRXXBL
 DT Patent

LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2778527	A1	19991119	FR 1998-6475	19980518

L3 ANSWER 9 OF 12 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 1999277542 EMBASE
TI Crystal structure of *Pseudomonas fluorescens* 4-hydroxyphenylpyruvate dioxygenase: An enzyme involved in the tyrosine degradation pathway.
AU Serre L.; Sailland A.; Sy D.; Boudec P.; Rolland A.; Pebay-Peyroula E.; Cohen-Addad C.
CS L. Serre, Inst. Biologie Struct. 'J.-P. Ebet', CNRS/CEA, 41 Avenue des Martyrs, 38027 Grenoble Cedex 1, France. laurence@anrs-orleans.fr
SO Structure, (15 Aug 1999) 7/8 (977-988).
Refs: 50
ISSN: 0969-2126 CODEN: STRUE6
CY United Kingdom
DT Journal; Article
FS 004 Microbiology
029 Clinical Biochemistry
LA English
SL English

L3 ANSWER 10 OF 12 AGRICOLA DUPLICATE 4
AN 1999:21469 AGRICOLA
DN IND21968458
TI Complementation of the *Arabidopsis pds1* mutation with the gene encoding p-hydroxyphenylpyruvate dioxygenase.
AU Norris, S.R.; Shen, X.H.; DellaPenna, D.
CS Boyce Thompson Institute, Ithaca, NY.
SO Plant physiology, Aug 1998. Vol. 117, No. 4. p. 1317-1323
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889
NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L3 ANSWER 11 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1998:338549 BIOSIS
DN PREV199800338549
TI Expression of the gene coding for 4-hydroxyphenylpyruvate dioxygenase (HPPD) suggests an essential role of tocopherols during leaf senescence.
AU Krupinska, K.; Falk, J.
CS Botany, Univ. Cologne, Cologne Germany
SO Journal of Experimental Botany, (May, 1998) Vol. 49, No. SUPPL., pp. 46.
Meeting Info.: The Society for Experimental Biology Annual Meeting London, England, UK March 22-27, 1998 Society for Experimental Biology
. ISSN: 0022-0957.
DT Conference
LA English

L3 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS
AN 1994:624227 CAPLUS
DN 121:224227
TI The novel mechanism of action of the herbicidal triketones.
AU Prisbylla, M. P.; Onisko, B. C.; Shribbs, J. M.; Adams, D. O.; Liu, Y.; Ellis, M. K.; Hawkes, T. R.; Mutter, L. C.
CS West. Res. Cent., Zeneca Ag Prod., Richmond, CA, USA
SO Brighton Crop Prot. Conf.--Weeds (1993), (VOL. 2), 731-8
CODEN: BCPWE2; ISSN: 0955-1514
DT Journal
LA English

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